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14-07-01

Work Order ID 114001

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Page 2

Item ID: D350-588-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14 Start Qty: 10.00 ***10***

Cust Item ID:

Required Date: 3/28/14 Req'd Qty: 10.00 ***10***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00				8x	8	14-07-01	
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-588-011								
	Location: <u>622</u>								
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00				MLJ	14-07-02		
Quality Control									

MF
14-07-01

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114001

D350-588-011

Required Date: 3/28/14

Required Qty: 10.00

Comments: IPP Rev:M04.08.31Added D2690-17KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN526C1032R7		Purchased	No			120	Each	46.0000	12/2016				
AN526C1032R7									**			m/12/175	DAS 28 9-89
Screw	DAS 31 9-89				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST346			46					
					M126175			46					
AN526C832R8		Purchased	No			120	Each	157.0000	8/8064				
AN526C832R8									**				DAS 28 9-89
Screw	DAS 31 9-89				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST345			157					
					125388			32					
					m127817			125					
AN526C832R9		Purchased	No			120	Each	29.0000	8/8064				
AN526C832R9									**			64x m128403	DAS 28 9-89
Screw	DAS 31 9-89				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST345			29					
					M127363			29					
D2143		Manufactured	No			120	Each	29.0000	1/108				
D2143									**			14-4-25	DAS 28 9-89
Hinge Bracket	DAS 31 9-89				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST005			29					
					100918			12					
					108818			12					
					98391			5					

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Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

D2144 Manufactured No 120 Each 28.0000

D2144

Hinge Doubler

DAS
31
9-89

Location

Loc Qty

Loc Code

ST005

28

100467

28

D2150 Manufactured No 120 Each 10.0000

D2150

Packer Doubler, Hinge

DAS
31
9-89

Location

Loc Qty

Loc Code

ST005

10

101006

10

D2151 Manufactured No 120 Each 48.0000

D2151

Packer Doubler

DAS
31
9-89

Location

Loc Qty

Loc Code

ST005

48

100956

6

102125

2

106821

40

D2153 Manufactured No 120 Each 37.0000

D2153

Door Prop

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

5

85865

5

ST260

32

100934

6

110755

26

DAS
10
9-89

DAS
31
9-89

5080-041 X2

16 B119725

M.D.

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Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

DAS
26
9-89

D2154 Manufactured No

120 Each

18.0000

D2154 7

Bracket, Stud

DAS
31
9-89

Location

Loc Qty

Loc Code

ST006

18

100839

12

98950

6

D2237 Manufactured No

120 Each

36.0000

D2237

Striker Plate

DAS
31
9-89

Location

Loc Qty

Loc Code

ST007

36

108708

36

D2461 Manufactured No

120 f

241.9700

D2461

Seal(Per Foot)

DAS
31
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST402

241.97

102517

241.97

cut 1 X 87.00"

D2463 Manufactured No

120 f

532.7300

D2463

1/2" Seal(\$Per Foot)

DAS
31
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST402

532.73

107987

32.73

110718

500

cut 1 X 87.00"

1 108

**

8x

**

B112911

**

B114238

**

14-4-25

58x

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Work Order ID: 114001

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Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

D2583 Manufactured No

120 Each

31.0000

D2583

Latch Bracket

DAS
31
9-89

Location

Loc Qty

Loc Code

ST012

31

100492

1

110310

30

D2585 Manufactured No

120 Each

28.0000

D2585

Latch Clamp

DAS
31
9-89

Location

Loc Qty

Loc Code

ST012

28

108520

8

110344

20

D2586 Manufactured No

120 Each

60.0000

D2586

Door Latch

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

13

100607

2

83893

10

95760

1

ST198A

47

107979

23

108573

24

D2587 Manufactured No

120 Each

15.0000

D2587

Door Plug

DAS
31
9-89

Location

Loc Qty

Loc Code

ST012

15

110235

15

2/28/14
115138 (13x)
3x B113803

2/28/14
9x B114114
7x B12571

2/28/14
12x B114985
4x B113641

1/10/14
113437 x 6
2x

DAS
26
9-89

DAS
26
9-89

DAS
26
9-89

DAS
26
9-89

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Work Order ID: 114001

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Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

D2589

Manufactured No

120 Each

36.0000

D2589

Keys, Key Chain

DAS
31
9-89

Location

Loc Qty

Loc Code

ST012

36

58194

36

D2690-17

Manufactured No

120 Each

28.0000

D2690-17

Cable

DAS
31
9-89

Location

Loc Qty

Loc Code

ST016

28

100752

10

108397

5

110028

6

112206

6

94470

1

D2857-1

Manufactured No

120 Each

29.0000

D2857-1

Hinge Bracket

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

5

82261

4

91914

1

ST019

24

106185

12

110247

12

**

**

**

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

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Work Order ID: 114001

114001

Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

D2857-2

Manufactured No

120

Each

36.0000

D2857-2

Hinge Bracket

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

3

78904

3

ST019

33

100769

9

108401

24

120

Each

29.0000

1 108
**

DAS
26
9-89

D2858-1

Manufactured No

D2858-1

Hinge Bracket

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

2

77019

2

ST019

27

100756

12

110032

12

95701

3

120

Each

27.0000

1 108
**

DAS
26
9-89

D2858-2

Manufactured No

D2858-2

Hinge Bracket

DAS
31
9-89

Location

Loc Qty

Loc Code

FG

2

77020

2

ST020

25

105555

21

95851

4

1 108
**

14-4-24

DAS
26
9-89

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Work Order ID: 114001

114001

Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

FG-778150-550-ROL

Purchased

No

120

sf

2,533.000

1 108.

FG-778150-550-ROL

7781 9oz Glass 50x125yd

**

DAS
06
9-89

DAS
26
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

CA

2533

M127570

970

M127701

1563

8x

1- cut 1.squarre ft of glass cloth

MS20426AD3-4

Purchased

No

120

Each

9,847.000

12 120 96.

MS20426AD3-4

RIVET

**

DAS
06
9-89

DAS
26
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

MF4

561

125578

561

ST334

4000

m127432

4000

ST509

5286

125578

5286

18 180 144.

MS20470AD4-5

Purchased

No

120

Each

1,340.000

18 180 144

MS20470AD4-5

RIVET, UNIVERSAL HEAD

**

14-4-24.

DAS
31
9-89

Location

Loc Qty

Loc Code

GA

335

m126926

335

ST336

1005

m126926

1005

144x

DAS
26
9-89

DAS
26
9-89

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Work Order ID: 114001

114001

Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

MS21042L08

Purchased

No

120

Each

3,466.000

18

180

144

MS21042L08

Nut

DAS
31
9-89

Location

Loc Qty

Loc Code

ST314

58

123900

58

ST508

3289

125445

1789

m127410

1500

ST509

119

m127304

119

MS21042L3

Purchased

No

120

Each

3,705.000

4

40

32

MS21042L3

Nut

DAS
31
9-89

Location

Loc Qty

Loc Code

ST314

2750

M127410

2709

M127831

41

ST506

955

123900

955

MS27039-08-11

Purchased

No

120

Each

331.0000

2

20

16

MS27039-08-11

SCREW

DAS
31
9-89

Location

Loc Qty

Loc Code

ST307

71

123352

71

ST506

260

122441

100

123900

160

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Work Order ID: 114001

114001

Parent Item: D350-588-011

D350-588-011

Parent Item Name: Aft Door Fwd Hinge Modification

Start Date: 2/28/14

Required Date: 3/28/14

Start Qty: 10.00

Required Qty: 10.00

MS27039-1-15

Purchased

No

120

Each

1,154.000

2 2016

MS27039-1-15

Screw

**

DAS
26
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

ST306

554

124326

554

ST506

600

m127916

600

16x

NAS1149D0363J

Purchased

No

120

Each

1,821.000

4

40 32

NAS1149D0363J

Washer

**

32x m128429

DAS
26
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

GA

23

124392

23

ST510a

1798

m126319

606

m127813

1192

NAS1149DN832J

Purchased

No

120

Each

2,332.000

24

240

192

NAS1149DN832J

Washer

**

14-4-24

DAS
31
9-89

Location

Loc Qty

Loc Code

MF4

1000

M127255

1000

ST293

1000

M127813

1000

st510

315

124555

315

ST510a

17

M126319

17

192

DAS
26
9-89

3.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-588-011	1.0 lb	-21.0 in	-21.0 in-lb	+170.0 in	+170.0 in-lb
Aft Door Fwd Hinge Modification Kit	0.45 Kg	-0.53 m	-0.24 m-Kg	+4.32 m	+1.96 m-Kg
D350-588-041*	2.0 lb	-21.0 in	-42.0 in-lb	+170.0 in	+340.0 in-lb
Aft Door Assembly	0.91 Kg	-0.53 m	-0.48 m-Kg	+4.32 m	+3.93 m-Kg

* D350-588-041 Aft Door Assembly weight in excess of standard Eurocopter Door.

3.4 PARTS LISTS

588 -041	588 -011	Part Number	Description
X		D350-588-041	AFT DOOR ASSEMBLY
	X	D350-588-011	AFT DOOR FWD HINGE MODIFICATION KIT
1	1	D2143	HINGE DOUBLER
1	1	D2144	HINGE DOUBLER
2	2	D2150	HINGE PACKER
2	2	D2151	HINGE DOUBLER
1	1	D2153-3315-10	GAS SPRING ASSY.
1	1	D2154	STUD BRACKET
2	2	D2237	STRIKER PLATE
1		D2445	DOOR
1	1	D2461-0870	NEOPRENE D SEAL
1	1	D2463-0870	1/2" FOAM SEAL
	2	D2583	LATCH BRACKET
2	2	D2585	LATCH CLAMP
2	2	D2586	LATCH
	1	D2587	PLUG
1	1	D2589	KEYS, KEY CHAIN
2		D2621	LATCH PLATE
1	1	D2690-17	CABLE, DOOR STOP
1	1	D2857-1	LOWER HINGE BRACKET
1	1	D2857-2	UPPER HINGE BRACKET
1	1	D2858-1	LOWER HINGE BRACKET
1	1	D2858-2	UPPER HINGE BRACKET
8	8	AN526C832R8	SCREW (or AN526-832R8)
8	8	AN526C832R9	SCREW (or AN526-832R9)
2	2	AN526C1032R7	SCREW (or AN526-1032R7)
24	24	AN960JD8	WASHER
4	4	AN960JD10	WASHER
12	12	MS20426AD3-4	RIVET
18	18	MS20470AD4-5	RIVET
18	18	MS21042L08	NUT (or MS21042-08)
4	4	MS21042L3	NUT (or MS21042-3)
2	2	MS27039-1-15	SCREW
2	2	MS27039-0811	SCREW
1	1	N/A	1 SQUARE ft. OF 9 oz. GLASS CLOTH (S-CLASS)

3.0 PARTS LIST:

The part lists of D350-588 Rev. D and ICA-D350-588 Rev. 0 are amended as follows.

IS:

588 -041	588 -011	PART NUMBER	DESCRIPTION
X		D350-588-041	AFT DOOR ASSEMBLY
	X	D350-588-011	AFT DOOR FWD HINGE MOD
2	2	D5080-041	STRIKER PLATE ASSY (AS355 N/NP MODELS ONLY)
2	2	D2237	STRIKER PLATE

WAS:

588 -041	588 -011	PART NUMBER	DESCRIPTION
X		D350-588-041	AFT DOOR ASSEMBLY
	X	D350-588-011	AFT DOOR FWD HINGE MOD
2	2	D2237	STRIKER PLATE

Customers who need to upgrade a D350-588-011/-041 kit that has been previously purchased from Dart can procure the DSI 9690-011 Kit from Dart.

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9690-011	STRIKER PLATE MODIFICATION KIT
2	D5080-041 1	STRIKER PLATE ASSEMBLY

4.0 WEIGHT AND BALANCE:

This DSI has a negligible effect on Weight and Balance of the aircraft.

5.0 MAINTENANCE:




Maintain the D5080-041 Striker Plates in accordance with the procedures for the D2237 Striker Plates as outlined in ICA-D350-588.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SHB2-41
ISSUE NO.: 8

DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	ML	
CHECKED		DRAWING NO. DSI 9690
MFG. APPR.	N/A	REV. A SHEET 2 OF 2
APPROVED		TITLE
DE APPR.		STRIKER PLATE MOD
DATE	14.03.24	SCALE NTS

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